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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/844,879	04/27/2001	Mika Forssell	975.336USW1	1754

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EXAMINER	
IQBAL, KHAWAR	

ART UNIT	PAPER NUMBER
2617	

DATE MAILED: 09/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary for Applications Under Accelerated Examination	Application No.	Applicant(s)	
	09/844,879	FORSSELL, MIKA	
	Examiner	Art Unit	
	Khawar Iqbal	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Since this application has been granted special status under the accelerated examination program,

NO extensions of time under 37 CFR 1.136(a) will be permitted and a SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE:

ONE MONTH OR THIRTY (30) DAYS, WHICHEVER IS LONGER,
FROM THE MAILING DATE OF THIS COMMUNICATION – if this is a non-final action or a *Quayle* action.
(Examiner: For **FINAL** actions, please use PTOL-326.)

The objective of the accelerated examination program is to complete the examination of an application within twelve months from the filing date of the application. Any reply must be filed electronically via EFS-Web so that the papers will be expeditiously processed and considered. If the reply is not filed electronically via EFS-Web, the final disposition of the application may occur later than twelve months from the filing of the application.

Status

1)☐ Responsive to communication(s) filed on _____.

2)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

3)☐ Claim(s) _____ is/are pending in the application.
3a) Of the above claim(s) _____ is/are withdrawn from consideration.

4)☐ Claim(s) _____ is/are allowed.

5)☐ Claim(s) _____ is/are rejected.

6)☐ Claim(s) _____ is/are objected to.

7)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

8)☐ The specification is objected to by the Examiner.

9)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

10)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

11)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a)☐ All b)☐ Some * c)☐ None of:
1.☐ Certified copies of the priority documents have been received.
2.☐ Certified copies of the priority documents have been received in Application No. _____.
3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

2. Claims 17-33,35-40 are rejected under 35 U.S.C. 102(a) as being anticipated by GSM 09.60.

3. Regarding claim 17 GSM 09.60 teaches a method for restoring a subscriber context in a network element of a mobile communication network which comprises at least a serving GPRS NODE (SGSN) and a Gateway GPRS Support Node (GGSN), the GGSN storing a plurality of subscribers contexts related to the SGSN, comprising the steps of (figs. 1,21):

storing restart information for the SGSN at the GGSN (page # 15, lines 2-15);

receiving a message at the GGSN from the SGSN, the message including restart information indicating whether the SGSN has been restarted and whether a subscriber context has been updated in the SGSN after the latest restart (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21);

creating a response to the message at the GGSN wherein the response includes restart information indicating whether the GGSN second network element has been restarted (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21);

transmitting the response to the SGSN from the GGSN; comparing the restart information of the message received in the receiving step with the stored restart information stored for the SGSN at the GGSN (page # 15, lines 2-30, page # 16 , lines 1-16, page 56, line 20-page 57, line 7, fig. 21); and

inactivating all subscriber contexts which are stored in the GGSN for use of the SGSN and have been updated before the latest restart of the SGSN when the restart information of the message received in the receiving step differs from the restart information stored for the SGSN (page # 15, lines 2-30, page # 16 , lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Regarding claim 26 GSM 09.60 teaches a system for restoring a subscriber context in a network element of a communication network which comprises at least a Serving GPRS Support Node (SGSN) first and a Gateway GPRS Support Node (GGSN), the GGSN storing a plurality of subscriber contexts related to the SGSN comprising:

storing means for storing restart information for the SGSN at the GGSN; first receiving means for receiving a message at the GGSN from the SGSN the message including restart information indicating whether the SGSN has been restarted and whether a subscriber context has been updated in the SGSN after the latest restart (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21);

control means for continuing the use of a subscriber context updated after said latest restart and for inactivation of the plurality of subscriber contexts which are stored in the GGSN related to the SGSN and have been updated before said latest restart, in

response to said restart information (page # 15, lines 2-30, page # 16 , lines 1-16, page 56, line 20-page 57, line 7, fig. 21); and

transmitting means for transmitting a restart information from the second network element to the first network element, including a restart counter for counting a restart number and adding means for adding said restart number to a subscriber context message (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Regarding claim 31 GSM 09.60 teaches a Serving GPRS Support Node (SGSN) for a mobile communication network, comprising:

transmitting means for transmitting restart information from the SGSN to a Gateway GPRS Support Node (GGSN) the restart information indicating whether the SGSN network element has been restarted and whether a subscriber context has been updated in the SGSN after the latest restart (page # 15, lines 2-30, page # 16 , lines 1-16, page 56, line 20-page 57, line 7, fig. 21); and

receiving means for receiving restart information from the GGSN, the restart information indicating whether the GGSN has been restarted and whether a received subscriber context has been updated in the after the latest restart (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21); and control means for continuing use of the received subscriber context updated after said latest restart and for inactivating a plurality of subscriber contexts stored in the SGSN for use by the GGSN and having been updated before said latest restart in response to said restart information when the restart information of the message received in the receiving step

differs from the restart information stored for the GGSN (page # 15, lines 2-30, page # 16 , lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

As to claim 39 it is considered the claim is rejected for the same reason as set forth in claim 1.

Regarding claims 18,21,28,29,32 GSM 09.60 teaches wherein said restart information is a restart counter value and is transmitted together with a context signaling message (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Regarding claims 19,20,27,35 GSM 09.60 teaches wherein said restart counter value is compared with a stored restored counter value (number) so as to determine said subscriber context updated before the latest restart (page # 15, lines 2-30, page # 16 , lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Regarding claims 21-23 GSM 09.60 teaches wherein said restart information transmitted only one time after said latest restart (page # 15, lines 2-30, page # 16 , lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Regarding claims 24,33 GSM 09.60 teaches wherein said restart information is transmitted separately or in a separate message (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Regarding claims 25,30 GSM 09.60 teaches wherein said restart information is a restart counter value (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Regarding claims 36-38 GSM 09.60 teaches creating, as the response to the message, a subscriber context at the GGSN second and transmitting a subscriber context wherein the subscriber context response includes the restart whether the GGSN has been restarted (page # 15, lines 2-30, page # 16, lines 1-16, page 56, line 20-page 57, line 7, fig. 21).

Response to Arguments

4. Applicant's arguments with respect to claims 17-33,35-40 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khawar Iqbal whose telephone number is 571-272-7909.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

Khawar Iqbal

JOSEPH FEILD
SUPERVISORY PATENT EXAMINER